MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.
LONG. E. FROM GREENWICH 35° 28′ 10″

QC
990
.L4
M6
1929

JANUARY, 1929

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

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U.S. Dept. of Commerce

JANUARY 1929
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	68.4	67.7	69.2	68.4	19.3	14.0	14.8	17.4	14.8	15.7
2	8.8	7.5	8.1	8.1	18.1	13.2	16.7	18.0	16.1	16.9
3	7 4	5.8	5.8	6.3	18.1	13.1	16.6	18.2	16.4	17.1
4	4.6	2.7	3.1	3.5	18.4	12.8	16.6	17.8	15.0	16.5
5	3.4	1.8	1.7	2.3	18.3	13.3	16.6	17.8	14.7	16.4
6	60.4	58.4	58.8	59.2	18.2	12.9	14.0	16.9	14.8	15.2
7	57.2	6.2	6.5	6.6	17.7	10.8	11.8	13.8	10.0	11.9
8	6.6	6.9	9.6	7.7	14.7	9.1	9.7	11.9	13.0	11.5
9	61.5	61.4	63.5	62.1	14.6	9.4	11.2	14.4	11.0	12.2
10	0.8	59.2	1.1	0.4	14.7	10.1	12.9	15.0	10.2	12.7
11	63.9	64.6	66.1	64.8	15.7	9.5	9.7	10.8	10.0	10.2
12	5.8	3.8	2.8	4.1	11.8	7.8	10.8	12.6	10.8	11.4
13	1.9	2.1	3.6	2.5	12.9	8.1	11.9	13.0	12.6	12.5
14	2.5	2.9	5.3	3.6	13.7	8.4	10.0	13.3	13.2	12.2
15	6.8	6.1	6.3	6.4	13.8	9.3	10.8	12.3	12.2	11.8
16	66.0	64.1	64.6	64 9	13.2	9.6	13.6	14.8	12.3	13.6
17	3.8	3.2	4.5	3.8	16.0	10.3	16.6	16.9	14.0	15.8
18	5.3	4.9	6.5	5.6	18.1	11.1	14.7	16.9	15.4	15.7
19	6.7	5.1	5.4	5.7	17.2	12.4	12.8	14.6	11.6	13.0
20	4 8	4.7	6.0	5.2	15.6	8.6	10.0	12.0	9.9	10.6
21	63.9	60.7	61.1	61.9	13.2	8.4	11.8	10.7	10.6	11.0
22	2.8	3.2	4.3	3.4	12.2	5.7	8.3	7.7	7.9	7.9
23	5.6	5.5	5.7	5.6	8.1	4.9	6.7	6.1	5.9	6.2
24	6.9	6.4	7.4	6 9	9.3	5.0	8.3	11.4	8.6	9.4
25	6.9	5.8	7.0	6.6	11.7	7.2	11.1	13.6	11.2	12.0
26	67.1	65.8	65.5	66.1	13.9	10.1	14.2	15.8	13.9	14.6
27	5.9	5.7	6.0	5.9	16.2	11.6	15.6	16.9	13.6	15.4
28	5.4	3.9	3.3	4.2	17.3	11.2	15.0	16.2	13.2	14.8
29	1.1	59.3	59.7	0.0	16.9	11.2	14.7	16.9	14.0	15.2
30	58.5	7.2	6.7	57.5	17.8	10.6	12.9	12.8	12.8	12.8
31	53.0	52.6	54.8	53.5	15 .3	8.0	8.7	10.1	12.2	10.3
	63 67	62.75	63.55	63.32	15.22	9.90	12.55	14.08	12.32	12.98

Barometer, Range for month 752.6-769.2 m.m.

,, 50-yr. average for month 763.36 m.m.

Thermometer, Range for month 4°.0-19°.3

,, 50-yr. average for month 13.67

Rain, total for month 229.30 m.m.

,, , 50-yr average for month 191.01m.m.

,, , total. Sept. 1st to end of month 597.34m.m.

,, , 50-yr average, Sept. 1st to end of month. 576.84m.m.

JANUARY 1929

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	13.6	15.3	13.4	10.6	11.7	10.6	11.0	85	80	85	83	5.0	1.37
2	13.2	15.2	13.3	9.3	11.1	9.7	10.0	66	72	72	70	8.6	
3	12.1	15.6	13.4	8.2	11.3	9.7	9.7	58	74	70	67	8.2	
4	11.3	14.3	11.1	7.4	10.1	8.4	8.6	53	66	66	62	8.8	
5	12.4	14.6	12.8	11.0	10.5	9.8	10.4	64	69	79	71	8.5	
6	11.9	14.7	12.6	9.2	11.0	9.6	9.9	77	76	77	77	2.4	
7	9.7	11.0	9.4	7.8	8.3	8.5	8.2	75	70	93	79	3.2	15.45
8	9.3	11.0	10.7	8.2	8.8	8.4	8.5	95	85	75	85	0.0	36.96
9	9.3	11.3	10.4	7.7	8.3	8.8	8.3	78	68	90	79	4.2	15.57
10	9.4	11.8	9.1	7.2	8.6	8.0	7.9	64	68	87	73	2.6	2.72
11	8.3	8.1	7.0	7.5	6.7	6.0	6.7	84	70	66	73	1.4	7.37
12	7.9	8.9	8.4	6.5	6.7	7.0	6.7	67	62	73	67	4.4	17.72
13	10.3	10.0	8.3	8.1	7.6	6.2	7.3	78	68	57	68	2.5	24.36
14	9.2	10.7	10.1	8.3	8.2	7.7	8.1	91	71	67	76	1.3	4.00
15	9.4	10.7	10.7	8.1	8.4	8.5	8.3	83	80	80	81	0.0	
16	10.8	12.0	10.0	8.1	8.9	7.8	8.3	70	71	73	71	8.8	
17	11.6	13.7	12.0	7.7	9.7	9.3	8.9	57	68	78	68	9.3	
18	11.7	12.5	12.2	8.5	8.4	8.8	8.6	68	59	67	65	9.2	
19	12.2	12.1	11.0	10.3	9.1	9.1	9.5	93	74	90	86	2.0	6.34
20	7.9	8.2	7.2	7.8	6.2	6.3	6.4	75	61	69	68	5.2	2.03
21	8.7	9.4	8.3	6.8	8.1	7.0	7.3	65	85	74	75	3.2	26.14
22	6.7	6.4	5.2	6.5	6.7	5.4	6.2	80	84	69	78	1.8	8.28
23	5.1	5.3	5.0	5.8	6.3	6.0	6.0	77	89	87	84	0.0	7.41
24	7.2	8.4	6.6	7.0	6.8	6.2	6.7	86	67	75	76	6.8	3.30
25	7.0	9.1	6.9	5.6	6.5	5.6	5.9	57	52	55	55	9.8	
26	9.7	12.1	9.3	6.6	8.5	6.1	7.1	56	63	50	56	9.8	
27	11.1	13.2	10.0	7.6	8.6	7.4	7.9	58	59	63	60	9.8	
28	10.8	13.6	11.1	7.5	10.0	8.8	8.8	59	72	80	70	9.8	
29	11.4	13.4	11.3	8.3	9.4	8.5	8.7	66	66	71	68	7.8	
30	11.8	11.2	9.9	9.4	8.8	7.6	8.6	85	81	69	78	4.0	8.25
31	8.1	9.3	10.0	7.7	8.3	7.9	8.0	93	91	74	86	1.0	42.03
	9.97	11.39	9.90	7.91	8.63	7.89	8.14	73.0	71.6	73.6	72.6	5.14	7.40

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

JANUARY 1929
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	10ni	1str	0	3.7	1s	1s	0	99.8	light	
2	0	0	0	0.0	0	3n	1n	245.2	mod.	
3	0	0	0	0.0	0	1nw	1n	100.1	light	
4	0	0	0	0.0	0	0	0	95.9	calm	
5	0	4ci	0	1.3	0	0	0	36.9	,,	
6	8ci ni	1str.cu	2str.cu	3.7	0	2sw	1s e	143.7	mod.	
7	4str.cu	8ni	10ni	7.3	1se	2s	2s	245.1	,,	
8	10ni	6str.cu	3str.cu	6.3	0	1s	2nw	258.1	,,	
9	10ni	8ni.cu	10ni	9.3	1s	3s	1s	103.0	,,	
10	8ci cu	10ni	4str.ni	7.3	2se	1e	1e	255.2	,,	
11	10ni	6ni.cu	2cu	6.0	6ne	3n	3n	423.7	rough	
12	2str.cu	9ni	10ni	7.0	1e	1sw	1s	111.8	light	tr.
13	10ni	10ni	4cu	8.0	4s	6s	4sw	323.7	rough	hail
14	10ni	8ni	3cu	7.0	1s	5w	4sw	470.7	v.rough	gale mist
15	10ni	10ni	6str.cu	8.7	1se	1e	1e	126.3	mod.	
16	6ci.	6ci	0	4.0	0	1e	0	59.7	calm	
17	0	3str.cu	2cu	1.7	0	2e	1e	111.0	light	
18	4str.	6str.ci	6ci	5.3	1se	4s	1sw	218.0	mod.	
19	10ni	10ni	10ni	10.0	0	3sw	1s	264.2	,,	
20	10ni	6str.ni	10ni	8.7	4w	3sw	2s	360.4	rough	
21	4str.ni	10ni	10ni	8.0	2s	5s	6s	385.2	,,	st. dy. & ni.
22	10ni	10ni	10ni	10.0	6sw	7w	6w	667.2	v.rough	t.l.r. hl. gale
23	6str.ni	10ni	10ni.	8.7	1s	1s	2s	289.7	mod	
24	6ni cu	2cu	2cu	3.1	1s	1ne	2e	262.5	,,	
25	0	1cu	0	0.3	1e	1e	0	43.7	calm	
26	1str	1str.	0	0.7	0	1e	0	63.1	,,	
27	0	0	0	0.0	0	2sw	0	115.4	light	
28	0	1cu	0	0.3	0	0	0	38.0	calm	haze in a.m.
29	4str.cu	6str.	0	3.3	0	0	0	52.6	,,	
30	6str.cu	8str.ni	8ni	7.3	1s	2s	4s	232.7	mod.	
31	10ni	8str.ni	3str.cu	7.1	2s	1se	1n	571.5	v.rough	t.l.r.gale
				4.94				217.87		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	2	4	9	1	1	0	13
14:30	2	1	6	1	9	5	2	1	4
20.30	3	0	5	1	8	3	1	1	9
Totals	5	2	13	6	26	9	4	2	26

Number of days with rain 17, fog 1, thunderstorms 2, gales 3.
50-yr average number of days with rain during month 15.8